

Converting Colors

CIELCh(75, 37.771, 142.259)

Have a look what the booklet for
CIELCh(75, 37.771, 142.259)
contains.

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Color

CIELCh(75, 38.071, 142.430)

Conversions

Conversions Part 1

Format	Color
Hex	8DC78D
RGB	141, 199, 141
RGB Percent	55%, 78%, 55%
CMY	0.4481, 0.2207, 0.4481
CMYK	0.29, 0.00, 0.29, 0.22
HSL	120°, 34%, 67%
HSV	120°, 29%, 78%
XYZ	36.0904, 48.2781, 32.5165
YIQ	175.0460, -15.9500, -30.3340

Conversions

Conversions Part 2

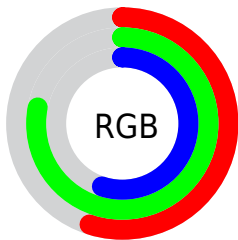
Format	Color
RYB	141, 199, 199
Decimal	9291661
CIELab	75.00, -30.18, 23.21
CIElCh	75, 38.071, 142.430
Yxy	48.2781, 0.3088, 0.4130
Android (android.graphics.Color)	4287481741 (0xFF8DC78D)
YUV	175.0460, -16.7847, -29.8583
Hunter-Lab	69.4824, -28.8783, 20.8911

Details

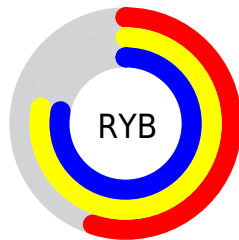
The CIELCh color **75, 38.071, 142.430** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 38.070, 326.017**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 37.411, 142.464**, and **55, 38.329, 142.110** is the 20% darker color. If you saturate the color by 10%, you get **74, 50.810, 141.506**, and if you desaturate by 10%, it is **77, 25.029, 143.234**.

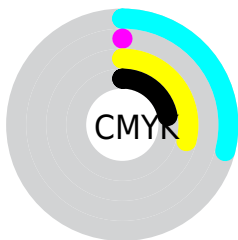
Distribution



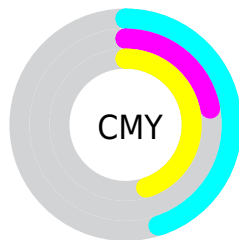
- Red (55%)
- Green (78%)
- Blue (55%)



- Red (55%)
- Yellow (78%)
- Blue (78%)



- Cyan (29%)
- Magenta (0%)
- Yellow (29%)
- Black (22%)





- Cyan (45%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 38.071, 142.430 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 75, 38.071, 142.430 by changing the saturation by 10% instead.


 75, 38.071,
142.430


 75, 38.071,
142.430


 100, 38.071,
142.430


 65, 38.071,
142.430


 95, 38.071,
142.430

 55, 38.071,
142.430

 45, 38.071,
142.430

 35, 38.071,
142.430

 25, 38.071,
142.430

 15, 38.071,
142.430

 5, 38.071, 142.430

■ 0, 38.071, 142.430

■ 75, 38.071,
142.430

■ 75, 38.071,
142.430

■ 74, 50.810,
141.506

■ 77, 25.029,
143.234

■ 73, 62.926,
140.467

■ 78, 11.924,
143.930

■ 72, 74.027,
139.348

■ 80, 1.064, 324.247

■ 71, 83.641,
138.223

■ 82, 13.808,
324.960

■ 70, 91.246,
137.213

■ 85, 26.226,
325.384

■ 70, 96.373,
136.466

■ 87, 35.290,
325.651

■ 70, 99.087,
136.047

■ 70, 99.276,
136.017

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



75, 38.071, 142.430



66, 38.070, 326.017

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 38.071, 142.430



75, 38.071, 192.430



75, 38.071, 322.430



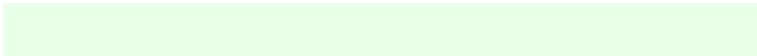
75, 38.071, 12.430

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



75, 38.073, 142.430



98, 14.309, 143.933



79, 30.522, 107.370



52, 9.953, 143.836



0, 0.000, 0.000



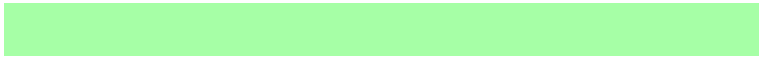
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 38.073, 142.430



93, 55.734, 141.859



76, 26.251, 160.969



41, 7.371, 143.917



58, 85.774, 136.017



11, 26.595, 143.593

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66, 38.070, 326.017



79, 55.678, 326.345



65, 27.210, 346.338



39, 7.382, 324.935



39, 82.753, 328.237



4, 26.739, 327.030

Previews

White Background



This preview shows how the CIELCh color 75, 38.071, 142.430 looks on a white background.

Color Contrast Check

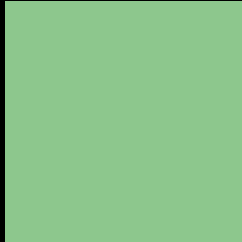
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 38.071, 142.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 38.071, 142.430

Background



This preview shows how black text looks on a background with the CIELCh color 75, 38.071, 142.430.

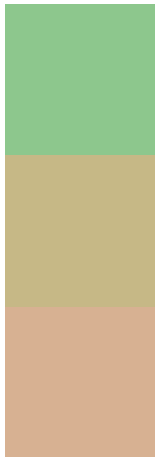


This preview shows how white text looks on a background with the CIELCh color 75, 38.071, 142.430.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
75, 38.071, 142.430

Protanopia
75, 27.365, 95.420

Deuteranopia
75, 23.022, 66.054



Tritanopia
75, 15.178, 233.529

Trichromacy



Original Color
75, 38.071, 142.430

Protanomaly
75, 28.638, 117.187

Deuteranomaly
74, 21.985, 104.911

Tritanomaly
75, 17.154, 177.751

Monochromacy



Original Color
75, 38.071, 142.430

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 13.943, 143.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 38.071, 142.430 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(141, 199, 141)` looks like.

```
.text, #text, p{  
    color:rgb(141, 199, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(141, 199, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 199, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 38.071, 142.430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(141, 199, 141) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(141, 199, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(141, 199, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 199, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 199, 141);  
box-shadow:4px 4px 4px 4px rgb(141, 199,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 38.071, 142.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 199, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(141,  
199, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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